



Crop Progress and Condition



National Agricultural Statistics Service

United States Department of Agriculture • Washington, DC 20250

Northwest Regional Field Office • Olympia, WA 98507

Alaska Field Office • Palmer, AK 99645

1-800-478-6079 • www.nass.usda.gov/ak

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ALASKA: There were 6.5 days suitable for fieldwork last week as most of the major growing areas, once again, received little to no precipitation. Topsoil moisture supplies were reported as 15% very short, 45% short, 40% adequate. Subsoil moisture supplies were listed as 10% very short, 40% short, 50% adequate. Barley was reported as 100% planted. Oats were reported as 90% planted. Potatoes were reported as 60% planted. Progress of fieldwork was reported as 5 days ahead of schedule. Local hay supplies were reported as 65% very short, 25% short, 10% adequate. Condition of livestock was reported 30% fair, 50% good, 20% excellent. Range and pasture condition was reported 5% very poor, 30% poor, 35% fair, 30% good. The main farm activities for the week were planting small grains, potatoes and vegetables, irrigating, weed control, farm maintenance and fence repair.

CROP WEATHER SUMMARY

May 19 – May 25, 2014

Days Suitable for Fieldwork: 6.5

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	15%	10%
Short	45%	40%
Adequate	40%	50%
Surplus	0%	0%

Pan Evaporation ^{1/} UAF-AFES, Trunk Rd 1.41

TANANA VALLEY: An average of 6.0 days was suitable for fieldwork. Topsoil moisture was reported as 20% very short, 50% short, 30% adequate. Subsoil moisture was reported as 10% very short, 60% short, 30% adequate. Barley was reported as 100% planted. Oats were reported as 90% planted. Potatoes were reported as 20% planted. Progress of fieldwork was reported as 3 days ahead of schedule. Local hay supplies were reported as 90% very short, 10% short. Condition of livestock was reported as 5% poor, 40% fair, 50% good, 5% excellent. Range and pasture condition was reported 5% very poor, 40% poor, 35% fair, 20% good. Farm activities for the week included planting small grains and potatoes, irrigating hay and vegetables, preparing for weed spraying, fence repair and maintenance.

MATANUSKA VALLEY: An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 10% very short, 40% short, 50% adequate. Subsoil moisture was reported as 10% very short, 25% short, 65% adequate. Potato planting was reported as 75% complete. Progress of fieldwork was reported as 6 days ahead of schedule. Local hay supplies were reported as 35% very short, 40% short, 25% adequate. Condition of livestock was reported as 10% fair, 60% good, 30% excellent. Range and pasture condition was reported 25% poor, 45% fair, 30% good. Farm activities for the week included planting potatoes and vegetables, calving, irrigating, weed control, farm maintenance.

KENAI PENINSULA: An average of 7.0 days was suitable for fieldwork despite the smoky conditions from local fires. Topsoil moisture was reported as 20% short, 80% adequate. Subsoil moisture was reported as 10% short, 90% adequate. Potatoes were reported as 90% planted. Progress of fieldwork was reported as 7 days ahead of schedule. Local hay supplies were reported as 100% very short. Farm activities for the week included fertilizing hay and pasture, weed control.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	47	38	48	49	50	64	65	36	0.00
Sawmill Creek	37	37	41	na	na	na	64	26	0.03
Plant Materials Center	na	44	48	na	42	52	67	31	0.00

^{1/} Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Weekly Weather Statistics — Alaska: May 19 - May 25, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	66	35	49	-3	0.00	0	0.04	-0.38	3	42	+19	241
Fairbanks-Eielson	65	29	44	-8	0.00	0	0.00	-0.46	0	19	-4	158
Nenana	66	29	45	-7	0.00	0	0.06	-0.14	3	20	+6	180
Fort Greely-Allen	62	31	44	-7	0.00	0	0.09	-0.41	2	23	-20	193
Healy River Airport	62	33	45	-5	0.00	0	0.07	-0.41	2	11	+5	167
Gulkana Airport	62	35	47	+2	0.17	1	0.17	-0.23	1	9	+3	207
Sutton	62	36	49	+2	0.03	1	0.26	-0.35	2	18	+10	228
Palmer	66	37	51	+3	0.00	0	0.01	-0.47	1	76	+56	324
Talkeetna	65	35	50	+3	0.00	0	0.45	-0.82	2	36	+31	258
Willow Airport	65	39	52	+4	0.00	0	0.24	-0.23	1	64	+60	303
Anchorage International	66	37	54	+6	0.00	0	0.20	-0.32	1	80	+67	318
Kenai	64	32	49	+3	0.00	0	0.40	-0.35	1	22	+18	193
Homer	65	36	51	+6	0.00	0	0.11	-0.78	3	30	+29	246
Kodiak	64	35	49	+5	0.00	0	0.31	-4.80	3	46	+42	239

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2014.

For more weather information visit www.awis.com or call 1-888-798-9955.

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